Abstract

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The present invention relates to novel phenethylacrylamides of ${\bf 5}$ the formula I

$$R^2$$
 R^2
 N
 Het
 $O-R^3$
 $O-R^4$

in which the substituents R^1 , R^2 , R^3 and R^4 have the following 15 meanings:

R¹ is hydrogen, halogen, C_1-C_4 -alkyl, C_1-C_4 -alkoxy, C_3-C_8 -cycloalkyl, C_1-C_4 -haloalkoxy or C_1-C_4 -haloalkyl;

20 R^2 is hydrogen, halogen, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_3 - C_{10} -cycloalkyl, C_1 - C_4 -haloalkoxy or C_1 - C_4 -haloalkyl;

R³ is C₁-C₄-alkyl, C₁-C₄-haloalkyl, propargyl, C₃-C₄-alkenyl or a radical of the formula -H₂C-C≡C-C(R^a,R^b)-R^c, wherein R^a,R^b independently of one another are hydrogen or methyl and R^c is hydrogen or C₁-C₄-alkyl;

 R^4 is methyl or C_1 -haloalkyl; and

30 Het is a 5- or 6-membered heteroaromatic ring,

to processes for their preparation, and to the use of phenethylacrylamides of the formula I for controlling phytopathogenic harmful fungi.